

MPC8548EPXAUJD



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Part Number: [MPC8548EPXAUJD](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU MPC85XX 1.333GHZ 783BGA

Data sheet: 

 [MPC8548E Fact Sheet](#)

 [MPC8548E Chip Errata](#)

 [MPIC Double Interrupt Errata](#)

 [MPC8548E DataSheet](#)

 [MPC8548E Ref Manual](#)

 [eTSEC Errata](#)

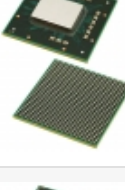
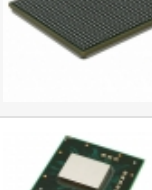
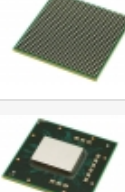
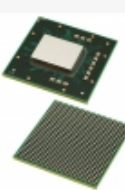
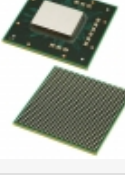
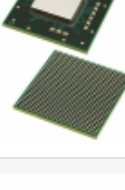
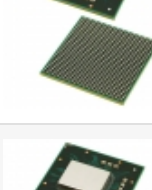
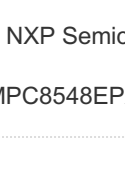
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                   |                                  |                                                                                                                                                                                                                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                              | MPC8548EPXAUJD                                                                    | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a>                                                                                                                                                                                                                                              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MPU MPC85XX 1.333GHZ 783BGA                                                    | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                       | 5497 pcs                                                                          | Data sheet                       | <div><a href="#">MPC8548E Fact Sheet</a></div> <div><a href="#">MPC8548E Chip Errata</a></div> <div><a href="#">MPIC Double Interrupt Errata</a></div> <div><a href="#">MPC8548E DataSheet</a></div> <div><a href="#">MPC8548E Ref Manual</a></div> <div><a href="#">eTSEC Errata</a></div> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>                                         | Voltage - I/O                    | 1.8V, 2.5V, 3.3V                                                                                                                                                                                                                                                                            |
| USB                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                                                                 | Supplier Device Package          | 783-FCPBGA (29x29)                                                                                                                                                                                                                                                                          |
| Speed                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1.333GHz                                                                          | Series                           | MPC85xx                                                                                                                                                                                                                                                                                     |
| Security Features                                                                                                                                                                                                                                                                                                                                                                                                                        | Cryptography, Random Number Generator                                             | SATA                             | -                                                                                                                                                                                                                                                                                           |
| RAM Controllers                                                                                                                                                                                                                                                                                                                                                                                                                          | DDR, DDR2, SDRAM                                                                  | Packaging                        | Tray                                                                                                                                                                                                                                                                                        |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                           | 783-BBGA, FCBGA                                                                   | Operating Temperature            | 0°C ~ 105°C (TA)                                                                                                                                                                                                                                                                            |
| Number of Cores/Bus Width                                                                                                                                                                                                                                                                                                                                                                                                                | 1 Core, 32-Bit                                                                    | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                               |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                           | Lead free / RoHS Compliant                                                        | Graphics Acceleration            | No                                                                                                                                                                                                                                                                                          |
| Ethernet                                                                                                                                                                                                                                                                                                                                                                                                                                 | 10/100/1000 Mbps (4)                                                              | Display & Interface Controllers  | -                                                                                                                                                                                                                                                                                           |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                     | PowerPC e500 Microprocessor IC MPC85xx 1 Core, 32-Bit 1.333GHz 783-FCPBGA (29x29) | Core Processor                   | PowerPC e500                                                                                                                                                                                                                                                                                |
| Co-Processors/DSP                                                                                                                                                                                                                                                                                                                                                                                                                        | Signal Processing; SPE, Security; SEC                                             | Base Part Number                 | MPC8548                                                                                                                                                                                                                                                                                     |
| Additional Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                    | DUART, I <sup>2</sup> C, PCI, RapidIO                                             |                                  |                                                                                                                                                                                                                                                                                             |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                               |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------|
|  | Part#: <a href="#">MPC8548EVTATGB</a><br>Description: IC MPU MPC85XX 1.2GHZ 783FCBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPC8548EHXAQG</a><br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPC8548EVTAUJB</a><br>Description: IC MPU MPC85XX 1.333GHZ 783BGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPC8548EPXAQGD</a><br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPC8548EPXAVHD</a><br>Description: IC MPU MPC85XX 1.5GHZ 783FCBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPC8548EVJAUJD</a><br>Description: IC MPU MPC85XX 1.333GHZ 783BGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPC8548EVTAUJC</a><br>Description: IC MPU MPC85XX 1.333GHZ 783BGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPC8548EPXAQGB</a><br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPC8548EVJAQGD</a><br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPC8548EVTAQGB</a><br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPC8548ECVTAUJD</a><br>Description: IC MPU MPC85XX 1.333GHZ 783BGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPC8548EHXATG</a><br>Description: IC MPU MPC85XX 1.2GHZ 783FCBGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPC8548EHXAUI</a><br>Description: IC MPU MPC85XX 1.333GHZ 783BGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPC8548EVTAQGD</a><br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPC8548EPXAUIB</a><br>Description: IC MPU MPC85XX 1.333GHZ 783BGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPC8548ECVUAQG</a><br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPC8548EPXAVHB</a><br>Description: IC MPU MPC85XX 1.5GHZ 783FCBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPC8548EVJAVHD</a><br>Description: IC MPU MPC85XX 1.5GHZ 783FCBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPC8548EPXAUIC</a><br>Description: IC MPU MPC85XX 1.333GHZ 783BGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPC8548EPXATGB</a><br>Description: IC MPU MPC85XX 1.2GHZ 783FCBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |

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